

IMPORT REPLACEMENT OPPORTUNITIES

Potential Business Opportunities for
British Columbia Producers and Manufacturers

Province of British Columbia
Central Statistics Bureau

Ministry of Government Management Services
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Foreword

Job creation and a higher level of economic activity can be realized by making fuller use of our own resource base and its production capabilities. At the community level this is exemplified by the efforts of Economic Development Commissions and similar groups in replacing "imports" by local sources of supply for a range of goods and services. At the provincial level, import substitution efforts can produce even greater benefits because of the potential for achieving economies of scale.

This report lists selected foreign imports through British Columbia customs ports with a value of \$1.9 billion in 1987 (out of \$10.9 billion in total). On the basis of current output ratios, this translates into about 25,000 direct jobs. If firms or individual entrepreneurs in the Province can capture as little as 10 percent of this potential, it will mean some 2,500 direct jobs and at least that number of indirect positions as well.

Introduction

This brief report has been prepared because many firms and individuals in British Columbia are interested in developing new or wider markets for the goods they produce, or they are looking for new areas for investment in production facilities. Decision making is facilitated when enough statistical information is available for analysis. The statistics provided herein may be only a starting point for such purposes, but it is hoped they will help decision makers and prompt further study.

Economic activity within the Province can be enhanced by increasing sales of goods and services in export markets (including the rest of Canada), or by replacing imports. Government policy in many parts of the world has been to replace imports with domestic production regardless of cost. However, a degree of import substitution can be accomplished without establishing tariff protection or other means of direct or indirect subsidies. The purpose of this publication is to inform the widest possible audience of potential opportunities for import replacement, under current and expected economic conditions.

The commodities listed in this report were selected not on any rigid criteria, but rather on the basis of judgement of existing production capabilities within the Province. Thus,

most of them are now produced locally, or probably could be produced by enterprises in similar or closely related areas of activity. In other words, a very high proportion of import replacement potential could be achieved by increased sales efforts and/or a slight broadening of product lines.

It must be stressed that this is not an exhaustive list of imported commodities suitable for domestic production but rather a selection of those items indicating potential, the majority of which are suitable for production by small to medium sized enterprises. Some commodity imports of relatively small size have been included because they are part of a larger related group of imports. Those commodities selected for inclusion may, upon detailed study, prove to be marginal or non-viable. On the other hand, commodities not included here may present equally good opportunities for import replacement.

For most of the commodities selected, the United States ranks as the leading source of foreign imports. This suggests that, given roughly comparable production costs, and similar marketing conditions, there should be no major barriers to production within British Columbia. In fact, because of the current 20-30 percent cost advantage held by Canadians due to the exchange rate differential—a rate that is not expected to change markedly in the foreseeable future—domestic production should be extremely competitive with the U.S.A. in many commodity groups. In addition, the recent changes

in the value of the Canadian dollar against many other foreign currencies have raised the cost of offshore imports, improving the potential for domestic production in this area as well.

Contents of the Report

Part I lists selected 5 digit commodity imports by country in 1980, 1985, 1986 and 1987. Because the NES (Not Elsewhere Specified) commodity groups often include a diverse range of goods, 7-digit detail on these groups is provided in Part II. However, in order to keep this publication to a manageable size, Part II statistics are limited to one year, and country detail has been omitted. Complete 7-digit information on specific commodities can be provided on request by the Central Statistics Bureau. (Contact Mr. G. Dufour at 387-0376, or Mr. G. Weir at 387-0327).

Readers attempting to analyze unit values/prices should be aware that the import values shown in Parts I and II are those supplied for customs purposes. Import documents usually report values which exclude all transportation costs. They also exclude customs duties, if any, Canadian excise taxes and any other applicable federal and provincial taxes.

It should also be noted that imports shipped through British Columbia customs ports are not necessarily consumed within the Province, and foreign imports shipped through customs ports in other parts of Canada may be destined for British Columbia. The latter is particularly true of shipments from Europe and eastern parts of the U.S.A.

Part III summarizes "imports" into British Columbia and the Prairie Provinces from the rest of Canada in 1979 and 1984. This section is based on industrial groups (SIC—Standard Industrial Classification) rather than commodities, so the statistics are incompatible with those for foreign imports. However, an examination of the limited data provided in Part III will provide an indication of the degree of provincial self-sufficiency by major industry group and within a number of specific industries. The high cost of shipping goods from Ontario or Quebec can present western Canadians with opportunities for production geared to the regional market.

TABLE I
Selected Canadian Imports Cleared Through British Columbia Customs Ports
(in \$000)

Commodity	Commodity Description	1980	1985	1986	1987	Leading Supplier Country (based on '87 imports) %
00910	Honey Bees	4,593	4,628	4,127	3,547	U.S.A. (98.8)
01118	Lamb, fresh or frozen	10,809	7,436	12,156	9,872	Australia (41.9)
03045	Salmon, fresh or frozen	27,718	26,678	31,471	34,963	U.S.A. (99.9)
04445	Salmon, canned	25,041	19,003	9,330	10,374	U.S.A. (100.0)
04639	Oysters, fresh or frozen	827	1,213	1,389	1,087	U.S.A. (87.8)
04649	Shrimps and prawns, fresh or frozen	18,101	23,442	39,458	33,117	U.S.A. (34.8)
04659	Shellfish, fresh or frozen, NES	1,609	9,759	10,170	8,908	U.S.A. (36.3)
04673	Clams, canned	1,648	2,129	2,206	3,969	Thailand (54.5)
04682	Oysters, canned	3,265	4,739	4,610	2,884	S. Korea (97.8)
04685	Shrimps and prawns, canned	8,277	3,962	4,290	4,815	Thailand (62.9)
04999	Fishery foods and feeds, NES	1,623	1,338	2,484	3,387	U.S.A. (32.0)
05123	Cheese, Gouda	1,877	2,638	2,987	3,287	New Zealand (54.1)
05149	Cheese, NES	4,660	5,448	6,984	6,780	Denmark (27.0)
06129	Corn NES, shelled	9,249	6,358	11,529	4,899	U.S.A. (100.0)
06420	Biscuits and cookies, exc. soda biscuits	3,857	4,933	6,076	5,887	U.S.A. (26.5)
06499	Bakery products, NES	5,205	11,091	11,513	11,411	U.S.A. (80.6)
06549	Macaroni products	4,106	4,479	4,432	4,662	Hong Kong (20.2)
06630	Breakfast cereal foods	157	788	863	899	U.S.A. (97.8)
06699	Cereal products, NES	2,970	8,112	8,999	8,043	U.S.A. (81.8)
07103	Apples and crab-apples, fresh	14,549	20,401	27,748	25,717	New Zealand (51.9)
07892	Jams, jellies and preserves, canned	806	1,383	2,093	2,300	United Kingdom (42.7)
08140	Filberts, not shelled	n/a	146	135	163	U.S.A. (100.0)
08240	Filberts, shelled or roasted	n/a	326	701	412	U.S.A. (81.3)
09105	Asparagus, fresh	7,449	11,393	4,346	7,603	U.S.A. (96.9)
09505	Asparagus, canned	208	144	195	123	Taiwan (94.9)
09565	Mushrooms, canned	12,805	11,942	8,313	4,093	China (83.2)
09960	Soya sauce	922	1,210	1,249	1,125	Hong Kong (26.1)
09970	Sauces, NES	3,076	3,772	5,205	5,421	U.S.A. (66.0)
09999	Dressings and spreads, NES	867	2,581	2,722	2,442	U.S.A. (88.2)
10416	Chocolates packaged	314	975	1,655	1,097	Switzerland (42.6)
10420	Chocolate Confectionery NES	2,054	4,593	4,660	4,153	USA (40.3)
10449	Sugar Candy, NES	1,691	2,553	2,900	3,729	W. Germany (37.8)
11220	Coffee, roasted or ground	28,700	48,539	42,770	23,736	USA (97.6)
11499	Spices, spice herbs, seeds, NES	1,257	1,873	1,931	1,965	USA (41.1)
14159	Soups, soup mixes and bases NES	1,334	3,467	5,932	7,755	USA (50.5)
14399	Pre-cooked frozen food prep. NES	6,386	14,892	12,548	10,441	USA (39.8)
14415	Hops, including lupulin	4,727	5,487	4,075	2,248	USA (83.3)
14699	Food preparations NES	5,823	7,316	10,759	13,231	USA (66.7)

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(in \$000)

Commodity	Commodity Description	1980	1985	1986	1987	Leading Supplier Country (based on '87 Imports) %
15190	Hay, forage and straw	9,911	9,907	13,270	11,301	USA (99.8)
15769	Dog and cat feeds, complete	3,485	8,364	11,055	12,873	USA (64.1)
17220	Ale, lager, porter and stout	5,439	5,591	7,086	7,680	USA (49.7)
17239	Grape wines, still, table strength	23,788	21,678	25,661	25,377	France (42.8)
17250	Grape wines, sparkling	3,887	4,105	4,769	4,293	France (43.2)
17360	Liqueurs	8,348	10,510	10,645	9,365	France (31.9)
21389	Trees, plants, stocks, cuttings, NES	7,683	11,976	12,797	13,749	USA (85.9)
21399	Cut flowers & decor. plant mat. NES	3,094	7,449	8,420	8,014	USA (77.7)
27430	Diatomaceous earth, crude or ground	796	1,137	1,355	1,678	USA (100.0)
27510	Silica sand	2,984	5,013	2,943	2,248	USA (99.1)
27940	Gypsum	3,311	3,727	3,881	4,416	Mexico (82.4)
33339	Railway Ties	5,938	2,164	664	318	USA (100.0)
33609	Doors of wood	3,392	2,706	2,022	1,700	USA (77.6)
33635	Windows, door and window frames, wood	4,950	6,596	6,294	8,958	USA (42.9)
33699	Millwork, NES	8,002	11,470	15,692	21,767	USA (85.1)
33739	Veneer, softwood	6,325	11,082	14,667	13,261	USA (99.9)
33895	Particle board, reconstituted wood	4,345	8,096	9,713	8,916	USA (100.0)
33991	Charcoal, wood	224	456	397	362	USA (73.6)
33999	Wood fabricated materials NES	8,579	7,486	6,866	7,555	USA (83.6)
34022	Wood pulp bl. kraft, hardwood	2,749	2,266	4,490	6,897	Brazil (75.4)
35199	Paper for printing	10,539	9,475	15,149	16,608	USA (44.0)
35249	Writing & reproduction paper NES	2,315	7,046	5,955	8,623	USA (99.7)
35631	Solid bleached board	1,875	9,264	12,766	15,064	USA (99.7)
35760	Hardboard	3,038	4,578	7,068	10,445	USA (80.8)
35999	Converted paper NES	12,467	8,941	7,327	5,557	Sweden (72.6)
39945	Lyes from wood pulp mfg.	1,070	2,255	2,089	2,005	USA (100.0)
40003	Chlorine	4,336	6,431	6,904	6,824	USA (100.0)
40205	Sodium hydroxide, liquid	1,899	8,329	6,947	5,982	USA (100.0)
40206	Sodium hydroxide, dry	422	95	125	144	United Kingdom (67.5)
40416	Sodium carbonate incl. sal soda	4,632	3,791	2,938	2,944	USA (100.0)
40599	Inorganic chemicals NES	4,238	9,312	8,672	6,068	USA (84.5)
40802	Phenol, carbolic acid	262	4,865	2,627	1,444	USA (100.0)
40815	Phenols, chlorinated	1,026	1,368	1,062	1,119	France (86.4)
41689	Prepared fertilizer mixtures	2,272	6,498	6,401	6,909	USA (98.1)
41699	Fertilizers & fertilizer mat. NES	3,605	1,661	1,605	1,422	USA (94.0)
42413	Polyester film and sheet	579	2,385	1,550	1,700	USA (92.4)
42431	Acrylic film and sheet	606	673	1,302	1,865	Japan (60.9)
42433	Polyethylene film and sheet	479	1,531	1,893	2,027	USA (95.8)

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42444	Polyvinyl chloride film and sheet	1,489	3,212	3,526	4,115	USA (74.8)
42515	Pipe, tubes, tubing NES, plastic	2,360	1,640	2,745	3,549	USA (89.4)
42547	Decor. laminated plastic, paper base	719	5,751	6,440	6,810	USA (77.6)
42555	Plastic sheet, reinforced, excl. lam.	744	1,875	1,148	882	USA (95.0)
42564	Pastic pipe fittings	570	1,182	1,358	1,666	USA (100.0)
43329	Cutting, penetrating & lube oils	8,357	7,151	8,909	9,754	USA (93.0)
43530	Petroleum coke & pitch coke	6,866	7,458	7,504	5,513	USA (100.0)
43549	Coke NES	4,766	8,163	7,252	5,881	USA (99.6)
43941	Coal tar & coal pitch	11,498	15,355	13,020	11,703	Not Specified
44302	Grinding balls	2,014	6,768	7,718	15,544	USA (97.6)
44450	Wire rods, steel, hot rolled	35,996	47,728	58,684	59,673	Brazil (22.2)
44610	Wide flange beams, carbon steel NES	17,263	10,256	9,991	15,732	Japan (25.3)
44739	Railway rails	2,025	28,638	30,196	22,790	Japan (95.4)
44769	Fish plates, splice bars etc.	309	384	3,482	6,367	USA (95.4)
44799	Railway track material NES	657	606	1,502	1,467	USA (48.8)
44815	Well casing, new	64,875	68,008	26,371	18,334	Japan (39.0)
44828	Mechanical tubing, cs, welded, new	1,742	4,215	2,339	1,894	USA (48.8)
44829	Mechanical tubing, cs, new NES	1,180	1,043	1,318	818	Japan (67.9)
44835	Pipes, cs, welded, over 4.5 new NES	18,685	10,789	5,899	15,909	Japan (78.4)
44838	Pipes & tubes, cs, welded, new, NES	14,378	13,543	11,101	14,188	S. Korea (66.0)
44844	Pipes, cs, smts, hotfinished, new NES	29,901	75,360	25,997	33,539	Japan (53.8)
44849	Pipes, cs, smts, cold finish, new, NES	3,612	4,103	1,708	2,176	Japan (45.2)
44868	Pipes & tubes, stainless, new, NES	4,706	4,557	4,579	3,378	S. Korea (38.1)
44869	Pipes & tubes, alloy steel, new NES	8,850	3,922	3,431	2,023	Japan (63.6)
44919	Wire, cs, not coated NES	4,263	2,514	2,736	2,996	Mexico (29.3)
44927	Wire, carbon steel, galvanized, NES	1,141	975	1,451	893	S. Korea (38.6)
44949	Wire strand, incl. twisted & braided	444	1,809	997	1,498	S. Korea (50.8)
44979	Wire rope, new, coated or not	7,272	12,631	10,896	10,518	S. Korea (60.9)
45120	Aluminum bars and rods NES	655	1,187	1,197	1,800	S. Korea (61.8)
45124	Aluminum plates	617	1,041	1,753	3,183	USA (46.9)
45140	Aluminum pipe & tubing	799	1,231	1,510	1,985	USA (98.7)
45149	Aluminum & alloy fab. mat. NES	3,887	3,867	5,405	6,057	USA (89.2)
45215	Copper pipe and tubing	403	1,062	993	1,037	USA (89.2)
45285	Copper alloy pipe and tubing	757	829	659	1,089	W. Germany (55.3)
46113	Doors, iron or steel	381	220	394	388	USA (96.9)
46119	Metal doors NES, incl. aluminum	802	738	903	1,065	USA (99.5)
46506	Bolts & headed or threaded rods NES	3,702	3,549	3,970	5,557	USA (43.3)
46508	Nuts, lock nuts, stop nuts NES	2,272	2,100	2,969	3,189	USA (60.3)

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46519	Screws, NES	3,727	5,512	5,508	7,149	Taiwan (28.5)
46526	Washers, metal	1,126	2,441	2,071	2,423	USA (70.7)
46532	Wire nails, steel, 1 inch or more	3,709	2,882	4,745	5,868	S. Korea (89.4)
46536	Wire nails NES	889	395	537	930	S. Korea (44.8)
46569	Builders hardware NES	5,799	7,595	8,789	11,661	USA (41.5)
46599	Basic hardware NES	5,975	6,614	7,540	8,122	USA (59.7)
46609	Chain, power trans., conveyor	6,227	5,350	5,772	7,161	Japan (49.0)
46699	Chain NES, incl. shackles & fittings	2,500	2,388	1,904	2,984	USA (38.8)
46819	Valves, iron or steel NES	7,366	13,340	10,429	8,882	Japan (37.4)
46829	Valves, brass, NES	4,552	5,245	4,291	6,484	Japan (86.1)
46855	Pipe fittings, iron/steel welding	3,057	4,944	2,897	3,748	Japan (27.6)
46859	Pipe fittings, iron/steel, finished NES	7,761	10,598	7,001	8,303	USA (42.4)
46975	Insulated wire & cable NES	3,515	4,830	5,083	6,067	USA (78.6)
47204	Brick, building NES	1,478	2,383	2,313	2,946	USA (100.0)
47504	Portland cement, standard	3,407	6,054	5,955	5,386	USA (100.0)
49505	Porcelain electric insulators	2,709	1,696	4,280	2,261	Japan (61.5)
50879	Parts of power pumps	5,262	5,757	6,627	6,661	USA (66.3)
50895	Pumps and parts NES	2,412	2,473	1,943	2,140	USA (66.6)
50919	Packaging machinery & parts NES	6,194	6,191	4,506	5,240	USA (45.7)
51181	Conveyors & conveying systems NES	2,192	522	1,766	2,396	USA (62.1)
51199	Parts for conveyors & systems NES	4,235	2,253	2,137	4,263	USA (35.6)
51224	Passenger elevator, escalators & pt.	1,688	4,673	3,263	5,331	USA (38.5)
51315	Cranes & derricks	9,322	5,363	3,973	6,150	USA (79.5)
51317	Parts of cranes & derricks	6,410	4,391	8,247	6,633	USA (42.2)
51327	Industrial hoists & lifts	4,849	4,472	4,868	5,667	USA (57.0)
51328	Parts of industrial hoists & lifts	1,683	775	881	929	USA (64.7)
51332	Winches & windlasses	4,569	1,905	1,886	1,713	USA (81.9)
51336	Parts of winches & windlasses	1,728	834	767	669	USA (93.4)
51931	Woodland log handling equipment	12,012	5,507	9,059	9,685	USA (75.7)
51939	Parts of woodland log hand. equip.	15,250	11,082	11,758	14,192	USA (80.5)
52107	Rock drill bits, rotary type	4,389	7,844	2,776	2,201	USA (60.5)
52112	Rock drill bits NES	848	1,821	2,603	5,709	S. Africa (94.9)
52168	Mining machinery & parts NES	12,775	13,477	12,489	14,193	USA (61.9)
52299	Construction mach., equip. & parts NES	6,952	5,078	26,820	6,872	USA (83.3)
52415	Parts & accessories for chain saws	5,031	3,221	3,180	2,636	USA (35.1)
52425	Saws, sawmill mach. equip & parts NES	20,528	16,524	21,306	36,516	USA (50.3)
52499	Woodworking mach. equip & pts. NES	12,314	15,163	24,443	22,682	USA (64.5)
52515	Pulp mill machinery and parts	8,575	15,168	17,970	26,435	USA (53.4)

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52559	Paper mill machinery & parts NES	8,923	13,598	6,328	8,515	Finland (67.2)
52560	Paper converting mach. & parts. NES	3,620	8,580	8,412	8,908	USA (78.1)
54660	Farm irrigation systems & parts	9,748	8,788	10,666	11,450	USA (77.1)
58466	Travel trailers	4,752	2,153	2,462	10,158	USA (99.4)
58912	Windows and vents for trailers	1,096	1,169	610	573	USA (100.0)
58919	Parts of trailers NES	4,111	4,123	4,877	5,621	USA (89.9)
58999	Parts & access. for motor vehicles NES	155,369	219,096	225,625	253,734	USA (80.6)
59158	Pleasure sportcraft, self-propelled	14,426	4,002	3,855	8,773	USA (76.8)
59169	Pleasure & sportscraft NES	5,819	2,241	2,471	2,778	USA (57.9)
59339	Parts & access. for ships & boats NES	10,241	9,169	11,911	12,982	USA (79.4)
60599	Aircraft assemblies, equip. & parts	64,497	66,461	99,867	80,721	USA (92.8)
62109	Truck & bus tires pneumatic, new	62,952	67,694	68,338	72,957	Japan (68.5)
62115	Tractor & implement tires, pneu. new	269	997	867	1,693	USA (88.1)
63419	Telephone apparatus, equip. & parts	21,046	32,468	41,402	38,406	Japan (31.5)
63445	Sound amplifiers, excl. parts	13,015	9,087	9,604	9,986	Japan (72.3)
63490	Radio transmitting-receiving units	6,853	7,477	17,000	11,422	Japan (67.4)
63495	Radio TV broadcast trans. equip NES	2,578	7,175	14,381	16,767	Japan (88.5)
63499	Commercial comm. equipment NES	12,661	92,469	106,145	82,576	Japan (78.0)
70218	Oscilloscope, oscillograph & access.	7,134	10,082	10,144	12,629	USA (99.8)
70290	Elec. measuring & test. instruments NES	13,190	21,005	14,150	17,372	USA (92.9)
70639	Medical diagnostic instruments NES	2,161	8,771	7,608	7,612	USA (85.4)
70919	Navigation instruments, appar. & parts	2,025	5,543	4,142	2,203	USA (66.4)
70949	Physical prop. test equip. & parts NES	3,145	4,228	3,818	4,651	USA (87.5)
72039	Safety & lifesaving equip. NES	2,066	2,325	2,017	3,082	USA (81.5)
72044	Hand fire extinguishers & parts	678	990	860	1,314	USA (100.0)
72059	Alarm & signal systems & pts. NES	1,607	3,099	4,475	5,029	USA (66.0)
74012	Furniture, wood, h'hold, not upholst.	24,437	24,243	30,446	31,779	Taiwan (38.5)
80061	Toilet soap	608	722	516	523	USA (38.5)
80063	Soap powders & flakes	n.a.	110	141	74	USA (100.0)
80065	Liquid soap	87	117	155	121	USA (97.0)
80067	Soap NES	358	54	45	64	USA (74.9)
80070	Detergents, laundry, household type	87	254	217	225	USA (100.0)
80071	Detergents, household NES	191	274	363	455	USA (100.0)
80073	Washing & cleaning prep. NES	1,476	1,156	898	966	USA (95.4)
83285	Fishing tackle & pts. NES, sport	6,796	4,153	5,230	5,493	USA (29.6)
88312	Spectacle & eyeglass frames	1,373	819	852	874	USA (33.8)
94129	Pre-fab. & ready-cut buildings & pts.	2,538	2,031	2,662	3,883	USA (97.2)
94149	Prefab structures & parts NES	4,197	5,557	2,256	2,860	USA (45.5)

TABLE I
Selected Canadian Imports Cleared Through British Columbia Customs Ports
(in \$000)

Commodity	Commodity Description	1980	1985	1986	1987	Leading Supplier Country (based on '87 imports) %
95032	Bottles for alcoholic bev., glass	1,743	1,115	634	784	USA (96.1)
95036	Shipping containers, glass, & pts. NES	1,458	1,836	1,111	690	USA (88.3)
95041	Egg cartons & tray, paper	498	706	677	555	USA (100.0)
95045	Boxes & cartons, paperboard & pts.	713	2,018	2,039	2,125	USA (82.3)
95049	Shipping containers, paper, & pts. NES	2,087	3,398	2,833	3,350	USA (98.6)
95066	Shipping containers, wooden & pts. NES	544	1,250	1,764	1,186	USA (89.4)
95078	Plastic bottles, vials, ampoules	1,711	599	1,089	1,302	USA (91.1)
95079	Shipping containers, plastic & pts.	2,597	4,287	4,980	7,248	USA (46.0)
95088	Bottle caps, plastic	205	341	266	780	USA (87.2)
96199	Plastic end products NES	13,342	8,461	9,455	10,545	USA (68.6)

PART II - 7 DIGIT IMPORT ANALYSIS

This section is designed to provide additional detail on imports listed in Part I. Seven-digit quantity and value import statistics are available by country of origin and province of clearance for all 5-digit categories. However, to reduce this huge volume of data to manageable size, the following table includes only those 7-digit-category imports through British Columbia customs ports exceeding \$200,000 in 1987 in the NES (Not Elsewhere Specified) categories. As well, details on country of origin and quantities have been omitted, and province of clearance information has been limited to British Columbia and the Prairie Provinces (as a group), with total Canadian imports shown to place these "western" imports in perspective.

The following data have been obtained from Statistics Canada, International Trade Division, on microfiche. The statistics are not available in published form nor in the CANSIM computer data base.

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
04659-29	Shellfish in shell, fresh or chilled NES	270	0	2,093
-42	Scallop meat, fresh or chilled	479	1	3,262
-52	Scallop meat, frozen	4,494	396	21,068
-54	Squid, frozen	2,764	295	7,037
-59	Shellfish frozen, NES	517	44	3,730
04999-59	Fish roe NES, (excl. for bait), fresh, frozen or cured	514	16	2,238
-69	Fishery foods and feeds, NES	2,427	12	7,198
05149-31	Cheese, mozzarella (whole milk)	262	0	325
-41	Cheese, swiss (except process)	598	37	8,887
-45	Cheese, part skim milk (except process)	1,505	55	17,964
-49	Cheese, whole milk, except process NES	2,749	1,094	27,541
-69	Cheese, process, NES	357	459	9,564
-89	Cheese NES	1,001	127	9,064
06499-31	Bread, except Passover	4,986	278	9,663
-32	Rolls and buns, unsweetened	739	12	1,000
-55	Pies, cakes, pastries, except frozen, and meat pies	1,092	132	6,868
-90	Bakery products, exc. pre-cooked frozen NES	4,363	1,455	17,814
06699-29	Cereal mixes, prepared NES	296	378	2,292
-40	Rice preparations	946	129	4,886
-89	Cereal products NES	6,716	4,115	29,722
09970-20	Chili Sauce	363	40	673
-40	Tomato Sauce	491	6	1,174
-90	Sauce NES	4,482	1,225	18,851
09999-20	Mustard, prepared	408	104	2,764
-31	Mayonnaise and salad dressings	1,455	267	3,209
-90	Dressings and spreads NES	500	92	1,064
10420-20	Chocolate bars, confectionery	1,830	3,492	25,670
-90	Chocolate confectionery NES	2,323	2,674	40,648
10449-90	Sugar candy NES	3,671	2,864	32,028
11499-20	Spice mixtures	269	56	1,199
-90	Spices, herbs and seeds NES	1,696	433	12,558
14159-50	Soups, canned, except infant foods	240	7	1,871
-90	Soups NES, soup mixes and bases	7,515	919	28,926
14399-20	Fish, pre-cooked, frozen, exc. dinners	8,878	303	32,352
-39	Meat, pre-cooked, frozen NES	465	2,393	20,632
-69	Bakery products, pre-cooked, frozen NES	623	375	10,690

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-89	Pre-cooked frozen food preparations NES	271	259	4,701
14699-40	Tea substitute	2,593	725	6,422
-60	Potato chips, flakes, frills	425	461	8,424
-70	Food drink powders	659	641	5,048
-80	Food seasonings, exc. spices and table salt	1,381	1,267	11,644
-89	Food preparations, NES	7,314	2,437	25,613
21389-20	Cuttings, except fruit tree	237	40	2,842
-30	Trees, except fruit trees	403	276	2,269
-40	Azaleas	630	110	4,013
-85	Bushes, raspberry	206	5	263
-86	Plants, strawberry	887	19	1,027
-90	Nursery and greenhouse stock, NES	11,018	3,940	55,263
21399-20	Flowers, cut, commercial, excl. roses and carnations	3,722	2,407	24,401
-21	Flowers, cut, commercial, roses	1,400	1,177	5,370
-22	Flowers, cut, commercial, carnations	2,053	1,307	11,736
-30	Greens, decorative	519	597	5,346
-90	Plant materials, decorative NES	320	158	1,857
33699-20	Panels, wood, edge-glued lumber	315	42	1,031
-30	Mouldings, construction type, wooden	19,658	2,959	60,116
-40	Doors, cabinet	211	1	1,452
-50	Clapboards	216	0	321
-90	Millwork, wood, NES	1,366	715	14,282
33999-20	Beams and arches, wooden, laminated	2,308	51	2,783
-90	Wood fabricated materials NES	5,070	4,882	24,369
35249-29	Paper, bond, all kinds, uncut NES	2,407	1,535	10,974
-30	Paper, safety, uncut	419	106	2,042
-50	Paper, carbonless copy, uncut	1,669	8,927	53,183
-70	Paper, envelope, all kinds, uncut	1,067	78	2,990
-80	Paper, business machine, uncut	2,237	545	14,156
-90	Paper, writing, uncut, NES	587	674	3,947
35999-30	Board, corrugated and cellular	319	1	6,562
-45	Paperboard, Polycoated	13,090	212	27,878
-65	Board, automotive, coated or laminated	217	0	4,336

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-89	Converted paper, NES	4,478	1,116	80,260
40598-15 ¹	Hydrogen peroxide	5,557	628	11,868
41699-45	Fertilizers, vegetable products	335	47	871
-89	Fertilizers and fertilizer materials, NES	999	2,441	10,704
43549-20	Coke, breeze	830	139	19,659
-90	Coke, Crushed or ground, from coal, NES	5,050	952	54,942
44610-20	Beams, WF, CS, rolled, up to and including 12"	8,159	247	30,909
-23	Beams, WF, CS, rolled, 14" web, under 200 lb.	1,018	44	2,905
-27	Beams, WF, CS, rolled, over 14 to 25" inclusive	6,328	138	13,499
44799-90	Railway track material, NES	1,021	114	1,782
44927-90	Wire, CS, round, galvanized, NES	597	88	5,445
45149-30	Circles, aluminum or alloy	522	63	8,382
-70	Venetian blind stock, aluminum, fabricated	1,605	725	9,301
-90	Aluminum and alloy fabricated material, NES	3,898	5,178	96,713
46506-22	Bolts, steel, carriage, with or without nuts	231	5	1,151
-30	Bolts, steel, hex. head & machined, with or without nuts	534	241	1,930
-49	Bolts, steel, NES, with or without nuts	2,293	1,515	29,490
-60	Bolts, steel, aircraft, with or without nuts	436	287	9,386
-69	Bolts, metal, NES, aircraft, with or without nuts	399	180	3,680
-89	Bolts, metal, NES, with or without nuts	692	607	44,343
46508-21	Nuts, steel, lock	556	224	6,830
-69	Nuts, steel, NES	2,059	1,952	63,419
-89	Nuts, locknuts and stop nuts, metal, NES	485	270	18,120
46519-21	Screws, drywall, steel	3,902	125	12,719
-23	Screws, excluding SEMS, self-tapping, steel	404	36	5,766
-29	Screws, steel, NES	1,621	1,095	52,160
-59	Fasteners, metal, NES, except dress and snap	479	326	11,274
-89	Screws, NES, of any metal except steel	240	174	4,166
46569-20	Closers, door, hydraulic	450	245	5,588
-25	Closers, door, pneumatic	2,451	73	3,740
-45	Garage door hardware, metal	465	689	2,845
-59	Door hardware, NES, metal	3,044	1,058	15,435
-69	Window hardware, NES, metal	1,354	3,255	25,213

1 Included with 5 digit code 40599

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-89	Builders hardware NES	3,722	2,595	29,117
46599-25	Anchors, screw, metal	428	276	3,888
-40	Castors, commercial and ind. equip.	293	152	7,228
-50	Clamps, hose or similar	882	761	8,093
-60	Marine hardware	2,176	151	16,220
-70	Wire rope hardware/fittings	1,083	443	5,853
-75	Drapery hardware	384	203	3,933
-89	Basic hardware NES	2,763	2,905	43,329
46699-60	Chain, anchor, for ships	244	0	528
-90	Chain, NES, including chain hardware	2,651	2,328	17,559
46819-20	Valves, gate, iron, except power	685	1,833	4,421
-23	Valves, check, iron, except power	560	537	3,486
-30	Valves, gate, steel, except power	3,349	11,651	21,348
-33	Valves, check, steel, except power	946	1,583	5,668
-36	Valves, ball, steel, except power	1,790	6,912	16,123
-39	Valves, steel, NES, except power	646	4,267	19,307
46829-20	Valves, gate, brass or bronze, except power	3,108	339	5,379
-22	Valves, globe, brass or bronze, except power	266	46	944
-23	Valves, check, brass or bronze, except power	646	169	1,455
-26	Valves, ball, brass or bronze, except power	1,881	286	5,828
-90	Valves, brass or bronze, NES, except power	560	934	15,163
46859-20	Fittings, pipe, malleable iron, finished	2,596	1,737	15,965
-40	Fittings, pipe, cast iron, drainage	239	0	605
-42	Fittings, pipe, cast iron, flanged	289	36	2,967
-49	Fittings, pipe, cast iron, NES	838	1,009	10,293
-53	Fittings, pipe, forged steel, threaded types	570	1,660	5,345
-60	Fittings, pipe, stainless steel	1,096	1,441	15,766
-89	Fittings, pipe, iron & steel, finished, NES	2,338	6,547	23,968
46975-29	Cable, power, insulated, NES	1,612	531	5,312
-32	Cable, electrical, portable power	474	5	778
-34	Cable, arc welding	318	6	500
-39	Cable, insulated, NES, electrical	634	3,780	20,325
-59	Insulated wire, NES, electrical	2,572	2,411	71,967
47204-89	Bricks, building NES, except concrete	2,943	493	21,714
50895-39	Pumps, hand type, NES	230	389	2,903
-88	Pumps, industrial type, NES, parts of	764	960	27,946

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-89	Pumps, NES	1,003	1,686	14,896
50919-13	Packaging mach., Vac. type, food products	1,185	181	5,371
-18	Packaging mach., for food prod. NES parts of	300	616	6,067
-19	Packaging mach. for food products, NES	731	2,239	12,424
-24	Make/Fill/Close comb. mach., bag/env. packaging	477	51	2,049
-38	Packaging mach. box/carton/case, NES, parts	204	113	7,098
-39	Packaging mach. box/carton/case, NES	404	366	11,721
-42	Presses, baling, for waste paper	336	5	710
-49	Baling machinery, industrial NES	207	1,757	5,006
-88	Packaging mach., industrial, NES, parts	432	513	21,233
-89	Packaging machinery, industrial NES	242	201	12,220
51181-29	Conveyor, bulk, chain type, NES	298	5	656
-39	Conveyor, bulk, vibratory type NES	206	39	400
-42	Conveyor, bulk, belt type	334	141	1,430
-89	Conveyor/conveying systems NES	1,065	1,589	23,757
52122-90	Rock drill bit, NES	5,619	474	9,953
52168-28	Mining mach. & equip., open pit, NES, parts	3,425	2,724	7,517
-42	Screening mach., stone/gravel, quarry type	498	79	2,400
-49	Quarrying mach. and equip. NES	409	73	1,366
-53	Screening mach., ore, mining type	1,664	211	2,371
-68	Hoist, mining, parts of	583	61	6,934
-88	Mining mach. & equip., NES, parts of	6,028	4,160	47,752
-89	Mining mach. & equipment, NES	1,174	1,445	15,872
52299-23	Pump, concrete, construction	352	1,057	7,426
-38	Concrete/mortar const., mach./equip. NES, parts	381	730	4,433
-39	Concrete/mortar const., mach./equip. NES	258	334	3,236
-51	Pile driver, construction	1,618	322	4,355
-88	Construction/maintenance mach./equip. NES, parts	1,023	2,704	16,570
-89	Construction/maintenance mach./equip., NES	2,653	2,434	17,980
52499-14	Feller-buncher, logging type	4,520	973	18,498
-18	Harvestors, tree, mach./equip. NES parts of	263	1,024	11,224
-19	Harvestors, tree, mobile, woodland NES	1,256	56	2,785
-38	Chip/flake/particleboard mach./equip. NES parts	974	41	7,618
-39	Chip/flake/particleboard mach./equip. NES	382	0	14,248
-42	Boring mach., woodworking	314	730	4,358
-47	Lathe, woodworking, exc. veneer	325	219	1,736

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-51	Mitering mach., woodworking	257	16	1,827
-53	Moulding mach., woodworking	782	274	3,056
-56	Tenoning mach., woodworking	213	559	2,361
-88	Woodworking, mach./equip. NES, parts of	3,318	1,427	17,903
-89	Woodworking mach./equip. NES	1,829	1,461	24,587
52559-24	Suction box, pulp/paper/paperboard mach.	1,387	0	1,590
-26	Dryer section pulp/paper/paperboard mach.	241	0	4,840
-48	Paper/paperboard mach., fourdrinier, parts of	827	38	5,722
-88	Pulp/paper/paperboard mach./equip., NES, parts	5,209	3,380	48,940
-89	Pulp/paper/paperboard mach./equip. NES	427	95	11,808
52560-22	Envelope making mach., paper converting	280	8	3,408
-31	Box making mach., paperboard converting	1,134	164	16,684
-51	Cutting mach. paper/paperboard, convert.	226	61	14,166
-88	Paper/paperboard converting mach./equip., parts	3,142	1,757	55,986
-90	Paper/paperboard converting mach./equip., NES	3,657	553	32,712
58919-90	Trailers, parts, NES	5,565	4,945	71,311
58999-19	Frames, motor vehicle, NES	2,277	75	203,486
-29	Frame components, motor vehicles, NES	6,196	122	76,599
-39	Filters, air, replaceable, motor vehicles, NES	655	625	20,363
-49	Filters, fuel, motor vehicle, NES	708	174	10,365
-59	Filters, oil, motor vehicles, NES	1,587	1,259	17,417
-84	Covers, wheel, motor vehicle	857	161	64,712
-89	Motor vehicle parts and accessories, NES	84,490	42,687	4,068,209
59169-27	Boats, outboard, less motor, P & S types	967	3,549	12,881
-35	Sailboats, pleasure, auxiliary powered	606	32	6,834
-41	Dinghies, dories, rowboats and skiffs	240	32	1,886
-52	Kayaks	221	11	344
-90	Watercraft, pleasure/sport NES (exc. canoes, Kayaks, dinghies, dories, rowboats, skiffs)	696	69	3,635
59339-28	Outboard portion parts of inboard-outboard	274	0	333
-40	Propellers, marine, except outboards and I/O	286	212	3,865
-78	Ships, parts, attach. & accessories, NES	3,162	2,054	48,770
-88	Boats, parts, attach. & accessories, NES	8,559	3,045	43,836
63495-21	Transmitting equip., radio broadcast	2,259	208	5,653
-29	Broadcasting equipment, radio, NES	704	3,096	7,393
-40	Monitors, television broadcast	2,121	114	3,741

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-45	Cameras, television broadcast	2,793	0	5,992
-49	TV broadcast studio equipment, NES	8,629	665	25,795
63499-19	Antennas, telecommunications, NES	736	197	11,747
-24	Receivers, TV, projection type	3,341	977	11,125
-29	Video equipment, except TV broadcast, NES	38,323	4,823	135,909
-39	Radio navigation equipment, NES	3,041	466	28,110
-40	Microwave equipment, communication	1,299	1,680	16,754
-50	Transmitters or receivers, amateur radio	354	59	1,373
-60	Satellites, communication	9,170	2,798	35,788
-70	Community antenna TV/CATV equipment	10,924	523	51,964
-89	Telecommunications equipment NES	15,388	11,901	136,187
70290-21	Checkers and analysers, semi-conductor	221	10	3,421
-24	Analysis systems, spectrum, except optical	3,249	231	10,139
-25	Analysis systems, noise	563	38	1,343
-87	Electrical properties meas./test. inst. access.	1,153	194	7,370
-88	Electrical/electronic prop. meas./test/inst. parts	1,289	700	22,799
-90	Electrical/electronic prop. meas./test. inst. NES	10,708	3,253	113,121
70639-11	Diagnostic instruments, medical, optical	199	288	10,154
-88	Diagnostic equipment, medical, optical, parts	3,058	393	19,250
-90	Diagnostic equipment, medical, NES	4,011	2,514	49,655
70949-51	Test equipment, strength of materials	515	135	5,002
-87	Physical properties test/inspec. equipment access.	957	320	6,788
-88	Physical properties test/inspec. equip., parts, NES	521	1,552	13,555
-90	Physical properties test/inspec. equip. NES	2,405	6,006	73,772
72039-21	Breathing apparatus, safety equipment	580	674	3,148
-88	Safety and life saving equipment parts, NES	547	1,704	26,349
-89	Safety equipment NES	796	793	13,101
72059-24	Alarm, burglar	272	32	1,961
-75	Sentry, radar	2,012	16	2,440
-88	Alarm systems, NES, parts of	1,613	329	17,567
-89	Alarm systems, NES	674	233	7,745
83285-20	Reels, fishing, sportsmens	2,329	795	9,156
-40	Hooks, fishing, sportsmens	837	349	6,275
-90	Fishing tackle, NES, sportsmens	1,415	1,342	8,970
94149-58	Bridges, prefab./Bailey etc., parts, NES	224	3	312
-82	Greenhouses, framework for	1,344	211	2,989

TABLE II
Selected Imports by Province of Clearance 1987,
7-Digit Commodity Analysis of N.E.S. Categories
(in \$000)

Commodity	Commodity Description	British Columbia	Prairie Provinces	Total Canada
-88	Prefab. structures, NES, parts of, NES	337	692	4,170
-89	Prefab. structures, NES, including sections	808	2,078	6,999
95036-60	Bottles, glass, soft drink	228	11	339
-75	Bottles and jars, glass, food preserve	328	151	5,625
95049-20	Pulp trays for packaging foodstuffs	2,553	45	3,419
-90	Shipping containers, paper and paperboard, NES	702	404	11,713
95066-83	Pallets, wooden, shipping type	578	541	5,317
95079-39	Bags, plastic, NES, shipping and distribution	4,586	1,439	30,252
-89	Containers, plastic, ship. & dist., NES	2,128	1,355	21,744
96199-90	Plastic end products, NES	10,187	8,778	236,981

PART III – Destination of Shipments of Canadian Manufacturers¹

This section of the report presents the results of a survey of Canadian manufacturers in 1979 and 1984, as published in Statistics Canada cat. 31-530 (occasional). As in previous surveys, only the larger firms were covered; however, for Canada as a whole, the larger firms accounted for over 95 percent of all manufacturers' shipments. While it is recognized that there are problems of standard definitions, quality of the data provided and non-responses, the data collected is extremely useful as a measure of the flow of manufactures within Canada and to foreign markets. Unfortunately, for reasons of confidentiality, certain numbers have been suppressed and the degree of suppression varies from year to year. In addition, some SIC codes have been modified since 1979.

In total, British Columbia manufacturers supplied only 64.7 percent of the provincial market for Canadian-made goods in 1984, although this was considerably higher than the 57.8 percent share in 1979. Of the balance, 17.8 percent came from Ontario (23.2 percent in 1979), 9.8 percent from the Prairie provinces,² (10 percent in 1979), 7.2 percent from Quebec (8.2 percent in 1979) and less than one percent from the Atlantic provinces. Stated in another way, this means that

shipments of manufactures to B.C. from other provinces exceeded British Columbia shipments to the rest of Canada by \$2.58 billion in 1984. For the Prairie provinces the distribution was very similar to British Columbia's experience. Manufacturers within Alberta, Manitoba, Saskatchewan, Yukon and N.W.T. supplied 62.4 percent of the Prairie market in 1984, with 24 percent coming from Ontario, 7.4 percent from Quebec, 5.6 percent from British Columbia and less than one percent from the Atlantic provinces.

¹ Goods of own manufacture only

² Includes Yukon and Northwest Territories for purposes of this report.

TABLE III (a)

Origin and Destination of Shipments of Selected Manufactures, 1979
(Canadian Goods of Own Manufacture)
(\$000)

SIC	Industry Group and Industry	Total Destined for B. C.	Origin of Shipments			
			Within B.C.	Prairie Provinces ¹	Ontario	Quebec
	TOTAL ALL INDUSTRIES	10,091,491	5,832,149	1,006,053	2,338,302	829,295
	FOOD AND BEVERAGES IND.	2,100,260	1,286,762	x	293,512	69,071
105	Flour and Breakfast Cereal Products	x	x	12,174	x	x
1071	Biscuits Manufacturers	23,084	x	x	x	x
1072	Bakeries	81,532	x	x	x	x
1081	Confectionery Manufacturers	x	x	x	x	x
1092	Distilleries	67,462	35,056	x	41,648	7,350
	RUBBER AND PLASTIC PRODUCTS IND.				20,715	x
165	Plastics Fabricating Ind. N.E.S.	223,186	64,918	15,249	109,144	33,876
	LEATHER INDUSTRIES	108,588	57,308	x	27,106	x
	TEXTILE INDUSTRIES	59,898	x	x	31,120	21,263
	KNITTING MILLS	162,082	20,362	x	48,703	78,702
	CLOTHING INDUSTRIES	39,883	x	x	x	18,054
	WOOD INDUSTRIES	263,481	32,499	25,817	68,040	137,124
2541	Sash, Door and Other Millwork	1,009,373	961,797	28,661	15,279	x
	FURNITURE AND FIXTURES IND.	97,931	89,240	4,951	x	x
	PAPER AND ALLIED IND.	142,866	49,390	x	55,275	21,277
2731	Folding Carton and Set-Up Box Manuf's.	535,863	415,210	x	55,861	17,084
2733	Paper and Plastic Bag Manufacturers	21,332	x	x	1,164	x
274	Miscellaneous Paper Converters	50,884	41,110	x	5,184	x
	PRINTING, PUBLISHING AND ALLIED IND.	71,621	24,095	x	33,707	5,721
	PRIMARY METAL INDUSTRIES	330,883	223,202	x	69,662	x
291	Iron and Steel Mills	415,333	191,753	x	119,451	x
		134,263	x	x	68,584	x

¹ Includes Yukon and Northwest Territories
x = confidential
Source: Statistics Canada 31-530

TABLE III (a) Continued

SIC	Industry Group and Industry	Total Destined for B. C.	Origin of Shipments			
			Within B.C.	Provinces Prairie	Ontario	Quebec
METAL FABRICATING INDUSTRIES						
3031	Metal Door and Window Manufacturers	674,122	371,458	x	211,977	52,430
3039	Ornamental and Arch. Metal N.E.S.	63,392	51,825	x	7,212	x
3042	Metal Stamping and Pressing Ind.	x	11,882	x	x	x
3059	Wire and Wire Products Manuf's. N.E.S.	201,036	95,803	x	x	x
		56,632	34,259	x	14,013	x
MACHINERY INDUSTRIES						
315	Misc. Mach. and Equipment Manuf's.	466,813	189,298	x	208,317	44,086
		408,403	182,078	x	177,617	30,158
TRANSPORTATION EQUIPMENT IND.						
3242	Non-Commercial Trailer Manufacturers	874,455	431,698	54,350	329,826	x
325	Motor Vehicle Parts and Accessories	66,904	53,095	11,847	1,962	x
		49,373	x	x	36,335	x
ELECTRICAL PRODUCTS IND.						
335	Communications Equipment Manufacturers	454,328	51,590	48,589	274,810	72,693
336	Manufacturers of Electric Ind. Equip.	69,192	8,406	x	40,349	5,089
338	Manuf's. of Electric Wire and Cable	117,769	17,953	x	73,777	9,488
3391	Battery Manufacturers	84,008	x	x	x	15,986
		17,303	6,507	x	x	x
NON-METALLIC MINERAL PRODUCTS IND.						
357	Abrasives Manufacturers	319,012	250,035	30,888	x	x
		5,010	0	0	5,010	0
PETROLEUM AND COAL PRODUCTS IND.						
		1,139,999	1,033,550	x	x	x
CHEMICAL AND CHEMICAL PRODUCTS IND.						
373	Manuf's. of Plastics and Syn. Resins	587,002	217,524	64,562	217,710	87,068
374	Manufacturers of Pharmaceuticals and Medicines	64,795	x	x	33,933	x
375	Paint and Varnish Manufacturers	83,768	x	x	46,751	x
376	Manuf's. of Soap and Cleaning Comp.	51,861	x	x	16,744	x
		54,852	x	x	x	x
MISCELLANEOUS MANUFACTURING IND.						
392	Jewellery and Silverware Ind.	212,867	34,763	x	142,078	x
3931	Sporting Goods Manufacturers	46,894	x	x	36,313	4,439
397	Signs and Displays Ind.	20,611	x	x	13,757	4,080
3991	Broom, Brush and Mop Manufacturers	15,182	11,425	1,864	x	x
		6,922	x	525	3,115	x

TABLE III (b)

Origin and Destination of Shipments of Selected Manufactures, 1979
(Canadian Goods of Own Manufacture)
(\$'000)

SIC	Industry Group and Industry	Total Destined for Prairies ¹	Origin of Shipments			
			Within Prairies	British Columbia	Ontario	Quebec
	TOTAL ALL INDUSTRIES	17,725,150	9,431,506	1,254,431	5,111,573	1,757,099
	FOOD AND BEVERAGES IND.	3,752,122	2,809,796	233,386	526,129	134,461
105	Flour and Breakfast Cereal Products	125,336	73,822	x	x	x
1071	Biscuits Manufacturers	48,673	x	x	14,625	x
1072	Bakeries	117,958	109,201	x	x	x
1081	Confectionery Manufacturers	103,466	x	x	75,341	16,789
1092	Distilleries	78,158	32,183	x	31,600	x
	RUBBER AND PLASTIC PRODUCTS IND.	381,986	97,198	x	210,423	x
165	Plastics Fabricating Ind. N.E.S.	184,005	88,953	x	68,089	x
	LEATHER INDUSTRIES	102,688	x	x	46,116	39,207
	TEXTILE INDUSTRIES	351,114	46,823	x	103,966	192,493
	KNITTING MILLS	74,459	x	x	x	36,822
	CLOTHING INDUSTRIES	478,944	100,862	22,132	110,650	245,300
	WOOD INDUSTRIES	850,110	419,918	384,191	37,677	x
2541	Sash, Door and Other Millwork	145,039	106,760	22,708	12,898	x
	FURNITURE AND FIXTURES IND.	312,019	121,651	x	118,671	58,837
	PAPER AND ALLIED IND.	597,479	223,187	133,679	158,676	66,198
2732	Corrugated Box Manufacturers	72,579	57,946	x	x	x
2733	Paper and Plastic Bag Manufacturers	54,506	30,005	x	13,958	2,485
274	Miscellaneous Paper Converters	122,065	31,688	x	67,613	18,730
	PRINTING, PUBLISHING AND ALLIED IND.	573,736	417,020	x	111,931	x
	PRIMARY METAL INDUSTRIES	1,101,070	479,155	66,503	472,475	x
291	Iron and Steel Mills	520,690	x	x	362,586	x
292	Steel Pipe and Tube Mills	215,306	153,622	x	x	x
294	Iron Foundries	44,976	32,677	x	x	x

¹ Includes Yukon And Northwest Territories

x = confidential

Source: Statistics Canada 31-530

TABLE III (b) Continued

SIC	Industry Group and Industry	Total Destined for Prairies	Origin of Shipments			Quebec
			Within Prairies	British Columbia	Ontario	
301	METAL FABRICATING INDUSTRIES	1,450,442	735,559	x	480,075	165,789
302	Boiler and Plate Works	121,459	40,063	x	x	x
3031	Fabricated Structural Metal Ind.	232,391	201,415	x	x	x
3039	Metal Door and Window Manufacturers	132,835	92,794	x	35,097	x
3042	Ornamental and Arch. Metal N.E.S.	89,019	41,895	x	x	x
3059	Metal Stamping and Pressing Ind.	335,421	164,981	x	x	x
	Wire and Wire Products Manuf's. N.E.S.	101,759	24,873	x	47,102	x
315	MACHINERY INDUSTRIES	1,008,082	503,083	x	405,153	65,285
	Misc. Mach. and Equipment Manuf's.	565,096	x	32,722	237,712	37,345
3242	TRANSPORTATION EQUIPMENT IND.	1,423,848	241,798	110,298	927,226	95,810
3243	Non-Commercial Trailer Manufacturers	157,946	91,586	x	x	x
325	Commercial Trailer Manufacturers	73,567	30,411	x	37,511	x
	Motor Vehicle Parts and Accessories	73,276	16,611	x	55,477	x
335	ELECTRICAL PRODUCTS IND.	870,026	104,918	32,824	544,520	175,807
336	Communications Equipment Manufacturers	165,279	14,803	x	117,800	21,407
338	Manufacturers of Electric Ind. Equip.	180,026	40,294	x	112,355	17,386
3391	Manuf's. of Electric Wire and Cable	150,700	x	15,032	79,053	36,019
	Battery Manufacturers	41,059	27,381	x	x	x
3562	NON-METALLIC MINERAL PRODUCTS IND.	790,083	666,814	x	79,088	x
357	Glass Products Manufacturers	21,697	x	x	17,755	x
	Abrasives Manufacturers	6,382	0	0	6,382	0
	PETROLEUM AND COAL PRODUCTS IND.	1,963,868	1,905,529	x	x	x
373	CHEMICAL AND CHEMICAL PRODUCTS IND.	1,146,786	491,922	82,930	423,715	147,133
374	Manuf's. of Plastics and Syn. Resins	86,202	x	x	x	26,990
375	Manufacturers of Pharmaceuticals and Medicines	155,229	x	x	110,947	42,056
376	Paint and Varnish Manufacturers	79,770	17,731	x	33,752	x
377	Manuf's. of Soap and Cleaning Comp.	107,716	x	x	92,448	x
	Manuf's. of Toilet Preparations	62,691	x	x	x	33,124
3911	MISCELLANEOUS MANUFACTURING IND.	357,243	47,137	x	243,338	61,087
392	Instrument and Rel. Products Manuf's.	98,830	x	x	85,062	x
3931	Jewellery and Silverware Ind.	56,491	x	x	46,719	8,336
3932	Sporting Goods Manufacturers	35,749	x	x	23,394	8,717
397	Toys and Games Manufacturers	26,598	x	x	20,486	6,113
3991	Signs and Displays Ind.	17,416	11,764	x	3,197	x
	Broom, Brush and Mop Manufacturers	10,528	x	x	4,741	x

TABLE III (c)

Origin and Destination of Shipments of selected Manufactures, 1984
(Canadian Goods of Own Manufacture)
(\$000)

SIC	Industry Group and Industry	Total Destined for B.C.	Origin of Shipments			
			Within B.C.	Prairie Prov/Inces ¹	Ontario	Quebec
	TOTAL ALL INDUSTRIES	14,201,981	9,187,012	1,393,556	2,531,746	1,016,824
	FOOD INDUSTRIES	2,827,351	1,707,957	562,579	379,717	142,602
1072	Bakeries	132,804	105,772	x	x	x
1083	Confectionery Manufacturers	57,222	x	x	27,594	x
	BEVERAGE INDUSTRIES	436,605	365,257	30,199	x	x
	PLASTICS PRODUCTS IND.	231,865	151,484	29,213	44,629	x
1631	Plastic Film and Sheeting Ind.	14,808	x	x	10,667	x
1691	Plastic Bag Industry	44,527	30,375	x	x	x
	LEATHER INDUSTRIES	52,769	x	x	x	15,788
	PRIMARY TEXTILE INDUSTRIES	58,399	x	x	x	x
	TEXTILE PRODUCTS INDUSTRIES	160,567	x	x	50,440	58,803
1921	Carpet, Mat and Rug Industry	43,590	x	x	21,689	x
1993	Household Products of Textile Materials Ind.	49,991	20,350	x	x	16,535
	CLOTHING INDUSTRIES	352,834	68,652	32,760	88,959	157,747
	WOOD INDUSTRIES	1,373,847	1,322,863	39,448	x	x
	FURNITURE AND FIXTURES IND.	196,853	88,373	x	62,811	22,428
2611	Wooden household furniture industry	57,066	26,666	x	13,485	x
2612	Upholstered Household Furniture industry	35,316	13,615	8,383	10,698	2,620
2791	Coated and treated paper industry	10,719	x	x	8,114	x
	PRINTING, PUBLISHING AND ALLIED IND.	684,264	534,695	28,725	90,630	x
	PRIMARY METAL INDUSTRIES	328,830	123,266	72,187	113,469	x
	METAL FABRICATING INDUSTRIES	871,902	571,800	x	200,820	66,018
3031	Metal Door and Window Ind.	70,686	58,042	x	x	x
3042	Metal Closure and Container Ind.	87,855	x	x	x	14,605

¹ Includes Yukon and Northwest Territories

x = confidential

Source: Statistics Canada 31-530

TABLE III (c) Continued

SIC	Industry Group and Industry	Total Destined for B.C.	Origin of Shipments			
			Within B.C.	Provinces	Ontario	Quebec
3049	Other Stamped and Pressed Metal Prod.	x	55,785	x	40,498	x
3052	Wire and Wire Rope Ind.	58,007	52,225	x	x	x
3061	Basic Hardware Industry	20,758	x	x	10,587	x
3192	MACHINERY INDUSTRIES Construction, Mining and Handling Mach. Ind. 199,740	453,511	258,783	21,918	153,238	19,572
	TRANSPORTATION EQUIPMENT IND.	98,784	8,697	90,772	1,487	
		677,567	342,106	x	231,627	58,964
3331	ELECTRICAL AND ELECTRONIC PRODUCTS IND. Lighting Fixture Ind.	521,072	133,415	18,537	286,102	80,262
3381	Communications & Energy Wire and Cable Ind.	28,815	x	x	x	11,459
		52,097	x	x	14,568	x
3562	NONMETALLIC MINERAL PROD. IND. Glass products (except containers)ind.	438,849	374,500	x	28,577	x
		15,285	9,576	x	x	x
	PETROLEUM AND COAL PROD. IND.	2,374,330	2,083,733	x	x	x
3731	CHEMICAL AND CHEMICAL PROD. IND. Plastics and Syn. Resins Ind.	1,011,071	371,158	144,431	354,733	140,426
3741	Pharmaceuticals and Medicines Ind.	88,688	x	x	21,389	x
3751	Paint and Varnish Ind.	161,882	x	x	81,376	x
3761	Soap and Cleaning Compounds Ind.	79,744	56,807	x	20,043	x
3771	Toilet Preparations Ind.	100,962	x	x	86,652	x
		76,228	x	x	43,180	x
3921	MISCELLANEOUS MANUFACTURING IND. Jewellery and Silverware Ind.	295,124	133,527	x	132,081	x
3931	Sporting Goods Ind.	24,696	x	x	10,772	x
3932	Toys and Games Ind.	32,439	15,876	x	x	x
3971	Signs and Displays Ind.	12,436	656	x	11,132	648
		34,854	x	x	4,830	x

TABLE III (d)

Origin and Destination of Shipments of Selected Manufactures, 1984
(Canadian Goods of Own Manufacture)
(\$000)

SIC	Industry Group and Industry	Total Destined for Prairies	Origin of Shipments			
			Within Prairies	British Columbia	Ontario	Quebec
	TOTAL ALL INDUSTRIES	25,765,362	16,078,198	1,454,246	6,188,516	1,893,385
	FOOD INDUSTRIES	5,037,882	3,676,902	302,640	754,077	237,923
1072	Bakeries	162,101	141,267	x	15,422	x
1083	Confectionery Manufacturers	x	x	x	x	33,522
	BEVERAGE INDUSTRIES	658,709	516,147	x	82,914	23,987
	PLASTICS PRODUCTS IND.	387,612	198,119	x	137,078	x
1621	Plastic Pipe and Fittings Ind.	88,277	36,854	x	44,817	x
1631	Plastic Film and Sheeting Ind.	34,153	11,220	x	19,177	x
1691	Plastic Bag Industry	60,005	19,854	x	25,031	x
	LEATHER INDUSTRIES	110,138	x	x	49,006	x
	PRIMARY TEXTILE INDUSTRIES	79,479	x	x	x	x
	TEXTILE PRODUCTS INDUSTRIES	286,647	74,662	x	97,576	105,574
1921	Carpet, Mat and Rug Ind.	97,876	x	x	x	40,293
1993	Household Products of Textile Materials Ind.	52,309	14,278	x	11,732	26,299
	CLOTHING INDUSTRIES	636,433	178,022	x	165,233	261,230
	WOOD INDUSTRIES	828,005	489,151	291,947	x	x
	FURNITURE AND FIXTURES IND.	341,104	164,924	x	122,968	47,062
2611	Wooden Household Furniture Ind.	76,731	23,888	x	27,986	21,696
2612	Upholstered Household Furniture Ind.	89,424	50,532	x	38,549	x
	PAPER AND ALLIED IND.	778,732	295,677	174,407	234,907	x
2791	Coated and treated paper Ind.	19,998	x	x	13,965	x
	PRINTING, PUBLISHING AND ALLIED IND.	1,157,997	912,894	x	172,201	52,858
	PRIMARY METAL INDUSTRIES	1,469,462	899,625	x	434,170	x
2921	Steel Pipe and Tube Mills	359,410	280,445	x	x	x

¹ Includes Yukon and Northwest Territories

x = confidential

Source: Statistics Canada 31-530

TABLE III (d) Continued

SIC	Industry Group and Industry	Total Destined for Prairies	Origin of Shipments			
			Within Prairies	British Columbia	Ontario	Quebec
2941	Iron Foundries	44,239	32,642	x	x	x
	METAL FABRICATING IND.					
3021	Metal Tanks (heavy gauge) Ind.	1,550,186	870,602	x	461,813	110,885
3023	Pre-eng. metal buildings (except portable)	64,742	x	x	13,818	x
3031	Metal Door & Window Ind.	72,976	x	x	24,919	x
3042	Metal Closure & Container Ind.	95,476	67,112	x	20,019	x
3052	Wire and Wire Rope Ind.	79,326	34,258	x	x	14,106
3061	Basic Hardware Ind.	44,863	x	x	19,050	x
		42,600	x	x	21,889	x
	MACHINERY INDUSTRIES					
3192	Construction, Mining & Handling Mach.	1,230,315	858,220	46,615	295,980	x
	TRANSPORTATION EQUIPMENT IND.	492,296	399,539	21,992	64,536	x
3242	Commercial Trailer Ind.	1,305,993	244,059	x	845,494	142,899
		71,421	x	x	33,651	x
	ELECTRICAL AND ELECTRONIC PRODUCTS IND.					
3331	Lighting Fixture Ind.	931,211	183,877	25,131	569,471	147,821
3351	Telecommunication Equipment Ind.	41,762	x	x	23,216	15,591
3381	Communications & Energy Wire and Cable Ind.	x	36,151	x	85,790	x
3391	Battery Ind.	181,379	56,192	x	101,468	x
		27,255	x	x	17,572	x
	NON METALLIC MINERAL PROD. IND.					
3562	Glass Products ((except containers) Ind.	784,513	656,424	x	78,691	x
		38,324	x	x	20,325	x
	PETROLEUM AND COAL PROD. IND.					
		4,748,244	4,346,668	x	x	x
	CHEMICAL AND CHEMICAL PROD. IND.					
3731	Plastics and Syn. Resins Ind.	2,492,984	1,263,574	x	847,837	276,534
3741	Pharmaceuticals and Medicines Ind.	105,857	26,183	x	x	39,538
3751	Paint and Varnish Ind.	270,126	x	x	141,180	124,282
3761	Soap and Cleaning Comp. Ind.	106,594	28,087	x	44,363	x
3771	Toilet Preparations Ind.	190,403	x	x	158,462	x
		125,371	x	x	68,809	x
	MISCELLANEOUS MANUFACTURING IND.					
3911	Indicating and Recording Instruments Ind.	554,438	203,033	x	270,970	x
3921	Jewellery and Silverware Ind.	108,431	x	x	70,570	x
3932	Toys and Games Ind.	36,117	6,508	1,399	21,422	6,788
3971	Signs and Displays Ind.	27,427	x	x	25,222	x
		53,316	x	x	8,978	x